



S5 Fig. Root-to-tip plots demonstrate the presence of molecular clock signals within both the mitochondrial and nuclear genomes of *Ophidiomyces ophidiicola*. Root-to-tip divergence (y-axis) was calculated using TempEst (2) v1.5.3 using maximum-likelihood phylogenies and the colored numbers inside each plot represent Pearson correlation coefficients. The mitochondrial tree (left) was rooted using the residual mean squared best-fitting root function. The nuclear trees for the Clade II clonal lineages (right) were rooted using the correlation best-fitting root function. A positive slope indicates the presence of a molecular clock signal. Data underlying this figure can be found in OSF: <https://osf.io/fmbh5/>.